

What is claimed is:

1. A digital camera apparatus, comprising:

an image inputting device for inputting an image to be
5 photographed;

an image processing device for carrying out a processing of said
image inputted by said image inputting device;

a recognizing device which automatically recognizes a printed code
included in said image;

10 a displaying device for displaying a result of the recognition of said
recognizing device; and

a recording device for recording data of the recognition
automatically recognized by said recognizing device,

wherein said recognizing device automatically recognizes said
15 printed code of said image scanned by triggering a first release by said
image inputting device before determining and recording said image in a
second release by said image inputting device.

2. A digital camera apparatus, comprising:

20 a guide displaying device which displays a most appropriate guide
for recognizing a printed code;

an image inputting device for inputting an image to be
photographed;

25 an image processing device which carries out a processing of said
image inputted by said image inputting device;

a recognizing device which automatically recognizes the printed
code included in said image;

a displaying device for displaying a result of the recognition of said recognizing device; and

a recording device for recording data of the recognition automatically recognized by said recognizing device,

5 wherein said printed code is automatically recognized by adapting said printed code to said most appropriate guide displayed by said guide displaying device.

3. A digital camera apparatus, comprising

10 an image inputting device for inputting an image to be photographed;

an image processing device which carries out a processing of said image inputted by said image inputting device;

15 a recognizing device which automatically recognizes a printed code included in said image;

a displaying device for displaying a result of the recognition of said recognizing device;

a recording device for recording data of the recognition automatically recognized by said recognizing device;

20 a code setting device for setting a kind of said printed code to be automatically recognized;

a guide displaying device which displays a most appropriate guide for recognizing the printed code in accordance with a content set by said code setting device; and

25 a resolution setting device for setting a resolution of said image which is scanned,

wherein said printed code is automatically recognized pursuant

to the displaying of the guide corresponding to the content set by said code setting device and to the resolution of said image set by said resolution setting device.

- 5 4. A digital camera apparatus, comprising:
- an image inputting device for inputting an image to be photographed;
- an image processing device which carries out a processing of said image inputted by said image inputting device;
- 10 a recognizing device which automatically recognizes a printed code included in said image;
- a displaying device for displaying a result of the recognition of said recognizing device;
- a recording device for recording data of the recognition
- 15 automatically recognized by said recognizing device;
- a code setting device for setting a kind of said printed code to be automatically recognized; and
- a guide displaying device which displays a most appropriate guide for recognizing the printed code in accordance with a content set by said
- 20 code setting device;
- wherein a switching over of photographing modes is automatically carried out corresponding to said most appropriate guide displayed by said guide displaying device.
- 25 5. The digital camera apparatus according to claim 3, wherein said code setting device sets start/stop codes and a kind of bars as the content of the setting thereof.

6. The digital camera apparatus according to claim 2, wherein said guide displaying device shows a minimum size necessary for carrying out the recognition to an user as a guide display.

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7. The digital camera apparatus according to claim 6, wherein a transverse width of the minimum size of said guide display is decided from a minimum line width of a bar code.

10 8. A digital camera apparatus, comprising:

an image inputting device for inputting an image to be photographed;

an image processing device which carries out a processing of said image inputted by said image inputting device;

15 a recognizing device which automatically recognizes a printed code included in said image;

a displaying device for displaying a result of the recognition of said recognizing device;

20 a recording device for recording data of the recognition automatically recognized by said recognizing device; and

an information searching device which defines an information file where information corresponding to said printed code is included therein to an external memory and an internal memory beforehand, and searches said corresponding information after said printed code is
25 recognized,

wherein an adding of information is carried out by converting said printed code to information corresponding to said printed code.

9. The digital camera apparatus according to claim 1, wherein a result of the recognition of said printed code makes it possible to be notified by a playback of voice.

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10. The digital camera apparatus according to claim 1, wherein a bar code for identification in commercial use is included in said printed code.